



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

FLEXTRONICS AUTOMOTIVE INC.

Scarborough, Ontario, CANADA

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005*).



Presented this 26th day of August 2008.

Peter Abney

President

For the Accreditation Council

Certificate Number 2445.01

Valid to May 31, 2010

For the tests or types of tests to which this accreditation applies,
please refer to the laboratory's Electrical Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

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ELECTRICAL (AEMCLAP/EMC)¹

Valid to: May 31, 2010

Certificate Number: 2445.01

In recognition of the successful completion of the A2LA and the Automotive EMC Laboratory Accreditation Program (AEMCLAP)¹ evaluation process, accreditation is granted to this laboratory to perform the following automotive electromagnetic compatibility tests:

<u>Test Technology</u>	<u>Test Method(s)</u>
<i>AEMCLRP Tests¹ AEMCLRP Revision 4 (and Addendum May 25, 2007)</i>	
<i>Electrostatic Discharge (ESD)</i> <i>Appendix D</i> (Chrysler, Ford, GM) Location: Electrical Stress Room	ISO 10605 (2001); GMW3097 (2006) Section 3.6; DC-11224 (Change A) Sections 10.1 and 10.2; ES-XW7T-1A278-AC (CI 280)
<i>RF Conducted Emissions</i> <i>Appendix F</i> (Chrysler, Ford, GM) Location: ALSE	CISPR 25 (2002) Sections 6.2 and 6.3; DC-11224 (Change A) Sections 6.2 and 6.3; GMW3097 (2006) Section 3.3.2; ES-XW7T-1A278-AC (CE420)
<i>RF Radiated Emissions</i> <i>Appendix G</i> (Chrysler, Ford, GM) Location: ALSE	CISPR 25 (2002) Section 6.4; DC-11224 (Change A) Section 6.4; GMW3097 (2006) Section 3.3.2; ES-XW7T-1A278-AC (RE 310)
<i>Bulk Current Injection (BCI)</i> <i>Appendix I</i> <i>Substitution Method</i> (Chrysler, GM, Ford) Location: Shielded Room	ISO 11452-4 (2005); GMW3097 (2006) Section 3.4.1; ES-XW7T-1A278-AC (RI 112); DC-11224 (Change A) Section 7.2
<i>Absorber Lined Shielded Enclosure (ALSE)</i> <i>(Substitution Method & Metallic Table)</i> <i>Appendix K</i> (Ford, GM) Location: ALSE	ISO 11452-2 (2004); ES-XW7T-1A278-AC (RI 114), <i>(excluding bands 6 and 7);</i> GMW3097 (2006) Section 3.4.2, <i>(excluding far field requirement)</i>

Test Technology
***AEMCLRP Tests¹ AEMCLRP Revision 4
(and Addendum May 25, 2007)***

Test Method(s)

Absorber Lined Shielded Enclosure (ALSE)
*(Substitution Method & Nonmetallic Table
up to 150 V/m)*
Appendix K
(Chrysler)
Location: **ALSE**

ISO 11452-2 (2004);
DC-11224 (Change A), Sections 7.3 and 7.4

Non-AEMCLAP Tests

Conducted Transient Emissions

ISO 7637-2, DC-10614; DC-11224; ES-EW7T-1A278-AC;
GMW3097

Magnetic Field Immunity

DC-10614; DC-11224; GMW3097; ES-EW7T-1A278-AC;
SAE J1113-22

Conducted Transient Immunity along lines
other than Supply Lines

ISO 7637-3; DC-10614; DC-11224; GMW3097;
ES-EW7T-1A278-AC

Conducted Transient Immunity along
Supply Lines

ISO 7637-2; DC-10614; DC-11224;
GMW3097; EX-EW7T-1A278-AC

Radiated Narrowband Emissions

TSC7026G (excluding clause 5)

Field Decay

TSC7001G (clause 5.2)

Load Dump

TSC7001G-(clauses 5.5.3, 5.5.4, 5.5.5)

¹ A2LA provides Accreditation for the Automotive EMC Laboratory Recognition Program (AEMCLRP) which is designated as the Automotive EMC Laboratory Accreditation Program (AEMCLAP). Chrysler, Ford Motor Company (Ford) and General Motors Corporation (GM) provide overall recognition as part of the AEMCLRP document (Fourth Edition, 01/27/06 and the Addendum May 25, 2007). This document is available on the A2LA web site (www.a2la.org). Accreditation to the A2LA AEMCLAP requirements does not ensure recognition by the aforementioned organizations. Confirmation of recognition can be obtained from these organizations directly.